UI Bulletin #129c

Subject:	Rear Chassis Electrical Upfitter Connections
Models Years:	2016 – 2019*
Models:	Chevrolet Silverado GMC Sierra (*old body style only)
Origination Date:	February 17, 2016
Revision Date:	January 29, 2020

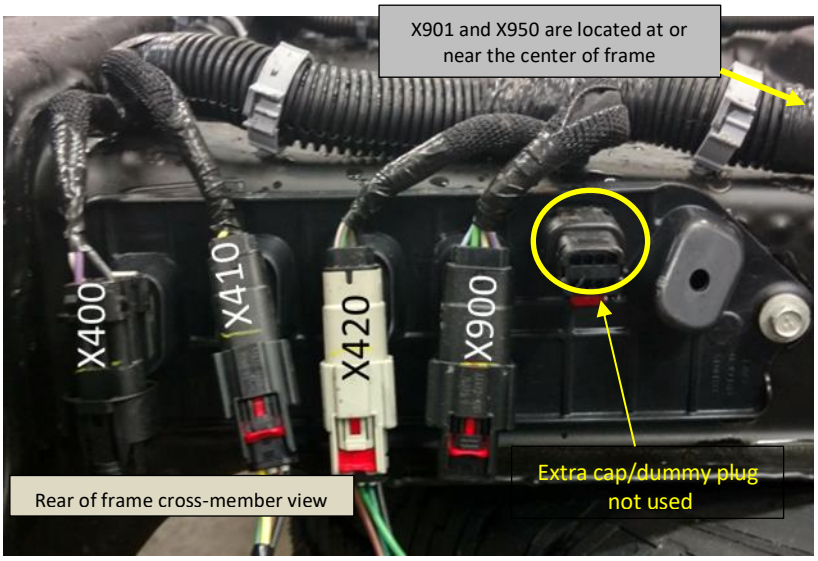
ADVISORY:

Condition/Concern:

The use of an electrical junction block at the rear of the vehicle frame has been replaced with individual connectors for the 2016 model year for the full-size LD and HD pickup trucks.

Repair/Recommendation:

Use the connector end views and pin-out table information in the following pages for the connectors located at the rear of the vehicle frame.



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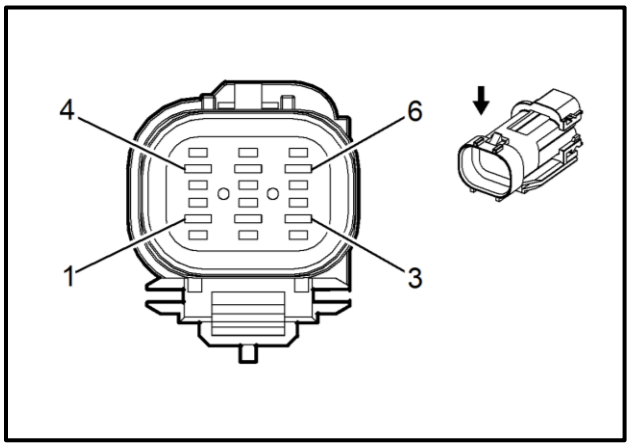
X400 Upfitter Provision Harness to Chassis Harness



Connector Part Information	Connector Part Information
• Harness Type: Engine • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way F	• Harness Type: Chassis • OEM Connector: 10865189 • Service Connector: 93185233 • Description: 6-Way M 2.8 Series, Sealed (BK)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-5 (PU)	Not Required	Not Required	Not Required	Not Required	Not Required

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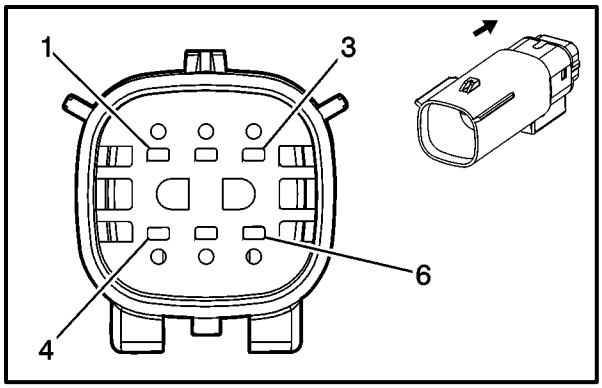
X400 Engine Harness to Chassis Harness												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
1	0.75	WH/VT	1430	I	—	Exterior Courtesy Lamp Control	1	0.75	WH/VT	1430	II	—
4	0.5	VT/GY	1054	I	—	Stop Lamp Control	4	0.5	VT/GY	1054	II	—
6	1	BK	1750	I	—	Ground	6	1	BK	1750	II	—

X410 Tail Lamp - Left Harness to Chassis Harness (Heavy Duty)



Connector Part Information	**Connector Part Information**
• Harness Type: Tail Lamp - Left • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way F	• Harness Type: Chassis • OEM Connector: 33171740 • Service Connector: 19333222 • Description: 6-Way M 150 MX Series, Sealed (BK)

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Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	Not Required	Not Required	Not Required	Not Required	Not Required

X410 Tail Lamp - Left Harness to Chassis Harness (Heavy Duty)												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
1	0.75	YE/L-GN	18	I	—	Left Rear Stop/Turn Lamp Control	1	0.75	YE/L-GN	18	II	—
4	0.75	L-GN/WH	24	I	—	Backup Lamp Control	4	0.75	L-GN/WH	24	II	—
5	0.75	VT/GY	709	I	—	Left Park Lamp Control	5	0.75	VT/GY	709	II	—
6	1.5	BK	1750	I	—	Ground	6	1.5	BK	1750	II	—

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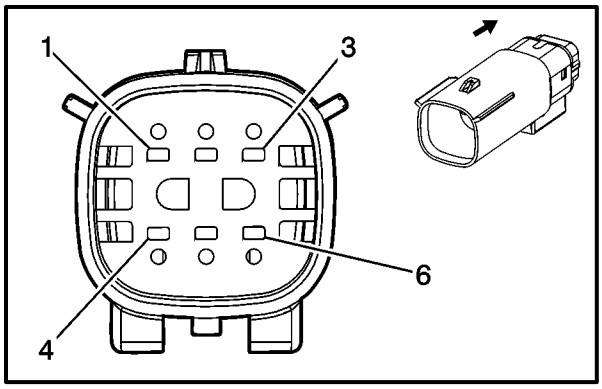
X410 Tail Lamp - Left Harness to Chassis Harness (Light Duty)



Connector Part Information	Connector Part Information
• Harness Type: Tail Lamp - Left • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way F	• Harness Type: Chassis • OEM Connector: 13950454 • Service Connector: 13576414 • Description: 6-Way M 150 MX Series, Sealed (BK)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	Not Required	Not Required	Not Required	Not Required	Not Required

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X410 Tail Lamp - Left Harness to Chassis Harness (Light Duty)												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
1	0.75	YE/L-GN	18	I	—	Left Rear Stop/Turn Lamp Control	1	0.75	YE/L-GN	18	II	—
2	0.5	YE/BK	5356	I	—	Left Tail Lamp Outage Detection Signal	2	0.5	YE/BK	5356	II	—
4	0.75	L-GN/WH	24	I	—	Backup Lamp Control	4	0.75	L-GN/WH	24	II	—
5	0.75	VT/GY	709	I	—	Left Park Lamp Control	5	0.75	VT/GY	709	II	—
6	1.5	BK	1750	I	—	Ground	6	1.5	BK	1750	II	—

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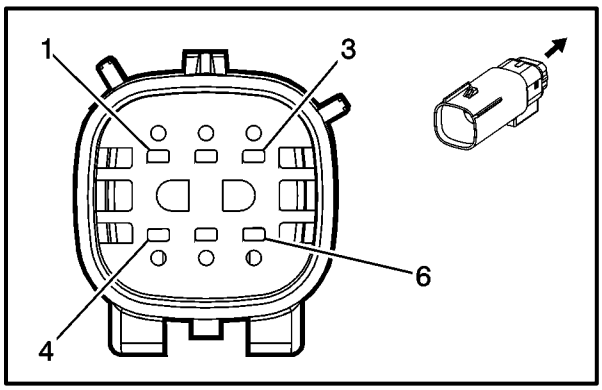
X420 Tail Lamp - Right Harness to Chassis Harness (Heavy Duty)



Connector Part Information	Connector Part Information
• Harness Type: Tail Lamp - Right • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way F	• Harness Type: Chassis • OEM Connector: 33171739 • Service Connector: 19333224 • Description: 6-Way M 150 MX Series, Sealed (GY)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	Not Required	Not Required	Not Required	Not Required	Not Required

X420 Tail Lamp - Right Harness to Chassis Harness (Heavy Duty)											
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
1	0.75	GY/BN	309	I	—	Right Park Lamp Control	1	0.75	GY/BN	309	II	—

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X420 Tail Lamp - Right Harness to Chassis Harness (Heavy Duty)												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
4	0.75	L-GN/WH	24	I	—	Backup Lamp Control	4	0.75	L-GN/WH	24	II	—
5	0.75	BN/L-GN	19	I	—	Right Rear Stop/Turn Lamp Control	5	0.75	BN/L-GN	19	II	—
6	1.5	BK	2150	I	—	Ground	6	1.5	BK	2150	II	—

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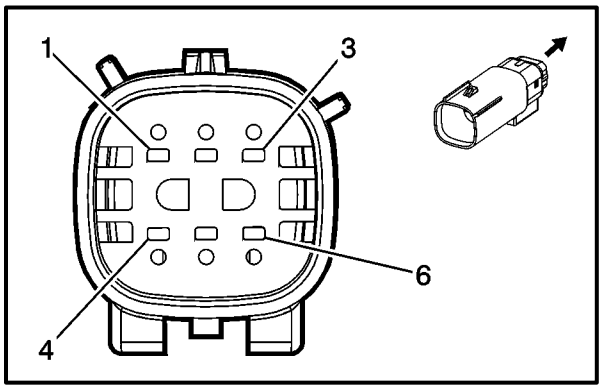
X420 Tail Lamp - Right Harness to Chassis Harness (Light Duty)



Connector Part Information	Connector Part Information
• Harness Type: Tail Lamp - Right • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 6-Way F	• Harness Type: Chassis • OEM Connector: 33162427 • Service Connector: 19333223 • Description: 6-Way M 150 MX Series, Sealed (GY)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	Not Required	Not Required	Not Required	Not Required	Not Required

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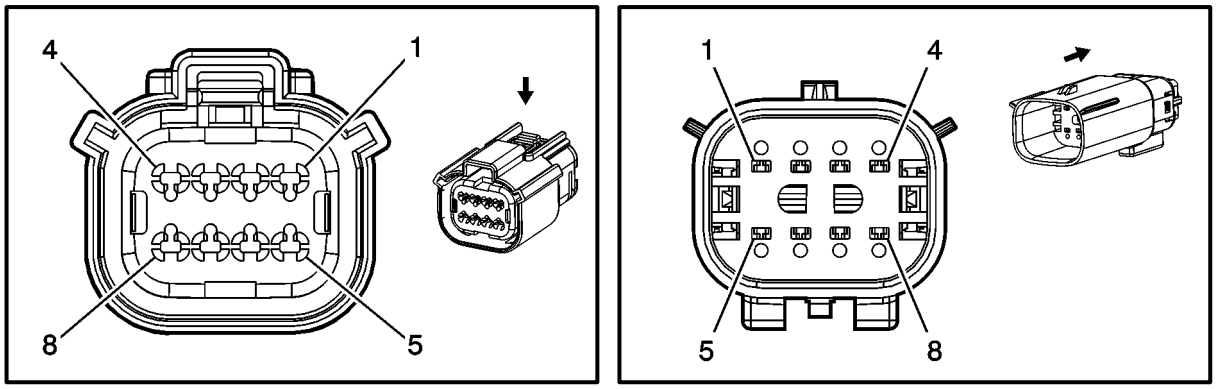
X420 Tail Lamp - Right Harness to Chassis Harness (Light Duty)												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
1	0.75	GY/BN	309	I	—	Right Park Lamp Control	1	0.75	GY/BN	309	II	—
2	0.5	VT/YE	5357	I	—	Right Tail Lamp Outage Detection Signal	2	0.5	VT/YE	5357	II	—
4	0.75	L-GN/WH	24	I	—	Backup Lamp Control	4	0.75	L-GN/WH	24	II	—
5	0.75	BN/L-GN	19	I	—	Right Rear Stop/Turn Lamp Control	5	0.75	BN/L-GN	19	II	—
6	1.5	BK	2150	I	—	Ground	6	1.5	BK	2150	II	—

X900 Tailgate Harness to Chassis Harness



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Connector Part Information	Connector Part Information
• Harness Type: Tailgate • OEM Connector: 33160350 • Service Connector: Service by Harness - See Part Catalog • Description: 8-Way F 150 MX Series, Sealed (BK)	• Harness Type: Chassis • OEM Connector: 15456955 • Service Connector: 19300474 • Description: 8-Way M 150 MX Series, Sealed (BK)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	J-35616-2A (GY)	Not Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-3 (GY)	Not Required	Not Required	Not Required	Not Required	Not Required

X900 Tailgate Harness to Chassis Harness												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
1	0.75	GY	295	I	—	Door Lock Actuator Lock Control	1	0.75	GY	295	II	—
2	—	—	—	—	—	Backup Lamp Control	2	0.5	L-GN	24	II	—
3	—	—	—	—	—	Camera Signal 2 +	3	0.5	GY/YE	6972	II	—
4	—	—	—	—	—	Run/Crank Ignition 1 Voltage	4	0.5	VT/L-GN	1739	II	—
5	0.75	BN/YE	294	I	—	Door Lock Actuator Unlock Control	5	0.75	BN/YE	294	II	—
6	—	—	—	—	—	Camera Low Reference	6	0.5	BK	6974	II	—
7	—	—	—	—	—	Ground	7	0.5	BK	2550	II	—
8	—	—	—	—	—	Camera Signal 2	8	0.5	WH/D-BU	6973	II	—

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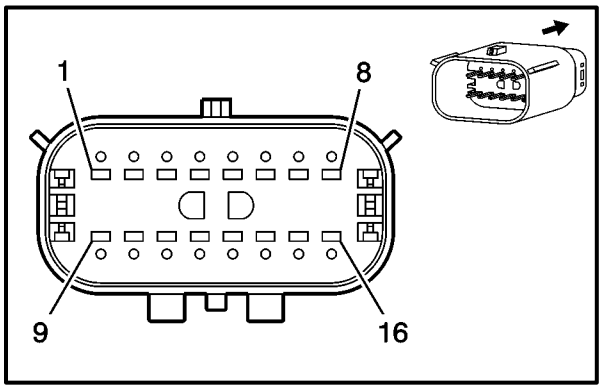
X901 Rear Object Alarm Sensor Harness to Chassis Harness



Connector Part Information	Connector Part Information
• Harness Type: Rear Object Alarm Sensor • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 16-Way F	• Harness Type: Chassis • OEM Connector: 33172365 • Service Connector: 19300393 • Description: 16-Way M 150 MX Series, Sealed (BK)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	19119440	J-35616-3 (GY)	J-38125-217	Not Available	Not Available	Not Available	Not Available

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X901 Rear Object Alarm Sensor Harness to Chassis Harness												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
1	0.75	GY/BN	309	I	—	Right Park Lamp Control	1	0.75	GY/BN	309	II	—
2	0.75	VT/GY	709	I	—	Left Park Lamp Control	2	0.75	VT/GY	709	II	—
3	0.5	L-GN/YE	6846	I	—	Rear License Lamp Control	3	0.5	L-GN/YE	6846	II	—
4	0.5	L-GN/YE	6846	I	—	Rear License Lamp Control	4	0.5	L-GN/YE	6846	II	—
6	0.5	BK/GY	2379	I	—	Object Sensor Low Reference	6	0.5	BK/GY	2379	II	—
7	0.5	BN/WH	2374	I	—	Object Sensor Control	7	0.5	BN/WH	2374	II	—
9	0.5	YE	2375	I	—	Left Rear Corner Object Sensor Signal	9	0.5	YE	2375	II	—
10	0.5	YE/D-BU	2376	I	—	Left Rear Middle Object Sensor Signal	10	0.5	YE/D-BU	2376	II	—
11	0.5	YE/RD	2377	I	—	Right Rear Middle Object Sensor Signal	11	0.5	YE/RD	2377	II	—
12	0.5	YE/VT	2378	I	—	Right Rear Corner Object Sensor Signal	12	0.5	YE/VT	2378	II	—
13	0.5	BK	1750	I	—	Ground	13	0.5	BK	1750	II	—
14	0.5	BK	1750	I	—	Ground	14	0.5	BK	1750	II	—
15	0.5	BK	1750	I	—	Ground	15	0.5	BK	1750	II	—
16	0.5	BK	1750	I	—	Ground	16	0.5	BK	1750	II	—

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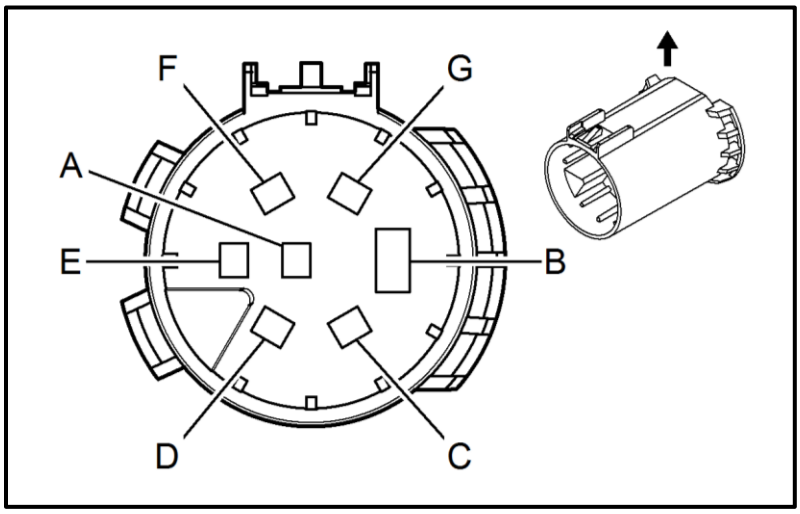
X950 Chassis Harness to Backup Alarm Jumper (8S3 or UY2)



Connector Part Information	Connector Part Information
• Harness Type: Chassis • OEM Connector: Not Available • Service Connector: Service by Harness - See Part Catalog • Description: 7-Way F	• Harness Type: Backup Alarm Jumper • OEM Connector: 15317327 • Service Connector: Service by Harness - See Part Catalog • Description: 7-Way M 280 Metri-Pack Series (BK)

Terminal Part Information							
Terminal Type ID	**Terminated Lead**	**Diagnostic Test Probe**	**Terminal Removal Tool**	**Service Terminal**	**Tray Name**	**Core Crimp**	**Insulation Crimp**
I	Not Required	Not Available	No Tool Required	Not Required	Not Required	Not Required	Not Required
II	Not Required	J-35616-43 (RD)	No Tool Required	Not Required	Not Required	Not Required	Not Required
III	Not Required	J-35616-5 (PU)	No Tool Required	Not Required	Not Required	Not Required	Not Required

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X950 Chassis Harness to Backup Alarm Jumper (8S3 or UY2)												
Pin	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**	**Function**	**Pin**	**Size**	**Color**	**Circuit**	**Terminal Type ID**	**Option**
G	0.75 0.8	YE/GY YE	1618 1618	I	— —	Left Rear Trailer Stop/Turn Lamp Control	G	0.75 0.8	YE/GY YE	1618 1618	III	— —
F	1 1.5	BN GY/BN	2109 2109	I	— —	Trailer Park Lamp Control	F	1 1.5	BN GY/BN	2109 2109	III	— —
E	3 4	RD/BK RD/L-GN	742 742	I	— —	Battery Positive Voltage	E	3 4	RD/BK RD/L-GN	742 742	III	— —
D	0.75 0.8	L-GN/VT D-GN	1619 1619	I	— —	Right Rear Trailer Stop/Turn Lamp Control	D	0.75 0.8	L-GN/VT D-GN	1619 1619	III	— —
C	2.5 3	D-BU D-BU	47 47	I	— —	Trailer Auxiliary Control	C	2.5 3	D-BU D-BU	47 47	III	— —
B	5 6	WH WH	22 22	I	— —	Trailer Ground	B	5 6	WH WH	22 22	II	— —
A	0.75 1	WH/L-GN L-GN	1624 1624	I	— —	Trailer Backup Lamp Control	A	0.75 1	WH/L-GN L-GN	1624 1624	III	— —

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